

STAT

Next 1 Page(s) In Document Denied

STAT

DISSERTATIONS FOR DEGREES IN SCIENCE AND ENGINEERING
DEFENDED AT USSR HIGHER EDUCATIONAL INSTITUTIONS (3/56)

Knizhnaya letopis'
 [Book Register],
 No 3, 1956, Moscow.
 Pages 101-113; 115.

PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

VIGANT, E. I. -- "Unnatural Integrals in n-Dimensional Space." Belorusian State U imeni V. I. Lenin. Minsk, 1955.

VORONOVA, V. F. -- "Qualitative Investigation of the Position of Integral Curves of the Equation

$$y^4 = \frac{A_3(x,y) + f(x,y)}{B_3(x,y) + \varphi(x,y)}$$

in the Vicinity of a Particular Point." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.

YUSUPOV, D. -- "On Curves in Lobachevskiy Space." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

YAVOR, S. Ya. -- "Magnetic Cylindrical Lenses." Acad Sci USSR. Leningrad Physicotechnical Inst. Leningrad, 1955.

CHEMICAL SCIENCES

For the Degree of Doctor in Sciences

BUSHMAKIN, I. N. -- "Methods of Obtaining Precise and Complete Data on Liquid-Vapor Equilibria and the Results of Investigating Certain Basic Processes of Rectification Using These Data." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

For the Degree of Candidate in Sciences

GRIBANOVSKIY, B. G. -- "Investigation of the Theoretical Bases of Psychrometry and Studying the Possibilities of Using Psychrometric Methods for Automatic Determination of Moisture Content of Dried Gases." Min Higher Education Ukrainian SSR. Odessa State U imeni I. I. Mechnikov. Odessa, 1955.

KUZNETSOVA, M. N. -- "Investigation of the Interaction of Urea with Saturated Monobasic Acids, Molten and in Aqueous Solution, Using Methods of Physicochemical Analysis." Min Higher Education USSR. Novocherkassk Polytechnic Inst imeni S. Ordzhonikidze. Novocherkassk, 1955.

MAKSAREVA, T. S. -- "Investigation of the Coefficient of Diffusion of Certain Organic Liquids." Moscow State U imeni M. V. Lomonosov, Chemistry Faculty. Moscow, 1955.

STAT

- OBOZHIN, V. N. -- "Study of the Co-Precipitation of Tungsten with Organic Co-Precipitants." Acad Sci USSR. Inst of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy. Moscow, 1955.
- OMEL'CHENKO, S. I. -- "Investigation of the Structure and Chemical Transformations of Carbazole and Certain of Its Derivatives." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.
- OSIPENKO, I. F. -- "Investigation of Simple Ethers with the Allyl Position of the Double Bond and Their Alpha-Oxides." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.
- KHARCHENKO, V. G. -- "The Condensation of Cyclohexanone with Benzylaldehyde and Furfural (A New Type of Condensation of Alicyclic Ketones with Aromatic Aldehydes)." Saratov State U imeni N. G. Chernishevskiy. Saratov, 1955.

GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

- ANTIPOV, V. I. -- "Economic-Geographic Characteristics of Java as an Important Part of Indonesia." Acad Sci USSR. Inst of Geography. Moscow, 1955.
- MOISEYCHIK, V. A. --- "Agroclimatic Conditions for the Wintering of Winter Crops in the Southeastern European Part of the USSR." Main Administration of the Hydrometeorological Service, Council of Ministers USSR. Central Inst of Weather Forecasting. Moscow, 1955.
- SAL'KOVSKIY, O. V. -- "Austria (Economic-Geographic Characteristics)." Acad Sci USSR. Inst of Geography. Moscow, 1955.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

- GRECHISANJKOV, M. P. -- "The Geological Structure of the Kemerovo Region and a Comparison of Coal Seams between Kemerovo and Volkovo." Min Higher Education USSR. Moscow Geological Prospecting Inst imeni S. Ordzhonikidze. Moscow, 1955.
- MATVEYEV, B. K. -- "A Study of the Movement of Underground Waters Using the Charged-Body Method." Moscow State U imeni M. V. Lomonosov. Geology Faculty. Moscow, 1955.
- NEYMAN, V. B. -- "On the Methodology of Paleotectonic Analysis of the Thickness of Sedimentary Rocks and the Problem of the Formation of Platform Structures." Min Petroleum Industry USSR. All-Union Sci Res Geological Prospecting Petroleum Inst (VNIGNI). Moscow, 1955.
- SARV, L. I. -- "The Ordovician Ostracods of the Estonian SSR." Acad Sci Estonian SSR. Department of Technical and Physicomathematical Sciences. Tallin, 1955.

SOKOLOV, M. N. -- "The Paleography of the Time of Formation of the Upper-Kazan' Deposits in the Western Tatar ASSR." Kazan' Order of Labor Red Banner State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.

BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

RABOTNOVA, I. L. -- "The Significance of pH and the Oxidation-Reduction Conditions on the Development and Metabolism of Microorganisms." Moscow State U imeni M. V. Lomonosov. Moscow, 1955.

SHUSTIN, N. A. -- "Disturbance of Nervous Activity Following Removal of the Frontal Cerebral Lobes of the Dog." Moscow Order of Lenin State U imeni M. V. Lomonosov. Soil Biology Faculty. Leningrad, 1955.

For the Degree of Candidate in Sciences

VARTANYAN, M. D. -- "The Biochemical Processes Occurring in the Grape Vine in Connection with Agricultural-Engineering Procedures Directed toward Increasing Its Frost Resistance." Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955.

GERASIMENKO, I. I. -- "Scopolamine-Producing Plants of the Genus Datura and the Outlook for Their Culture in the USSR." Tartu State U. Tartu, 1955.

GUN'KO, A. F. -- "Benthic Fauna of the River Volga in the Region around the Construction Site of the Gor'kiy Hydroelectric Power Plant." Moscow City Pedagogical Inst imeni V. G. Potemkin. Moscow, 1955.

ZAKHRYALOV, Ya. N. -- "Swine Helminths of Southwestern Kazakhstan (The Helminths, Their Distribution, and Their Rate of Infection of Swine by Age and Season)." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955.

ZELAND, M. G. -- "The Effect of Various Methods of Soil Working on the Decomposition of Organic Substances and Nitrification in Spruce-Sorrel and Spruce-Huckleberry Soils." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

KRIVOSHEYEVA, S. Z. -- "The Properties of Cultures Formed in Phagolysates of Typhoid Bacilli." Molotov State Medical Inst. Molotov, 1955.

KRYUCHKOVA, N. P. -- "Microbiological Indexes of the Process of Regeneration of Therapeutic Mud." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1955.

KULAKOVSKAYA, N. A. -- "The Phosphopyridoxal Nature of Bacterial Aspartic decarboxylase Isolated from Mycobacterium n. sp. (Pseudobacterium asparticum n. sp.)." Acad Med Sci USSR. Inst of Biological and Medical Chemistry. Moscow, 1955.

OSTANOVA, M. M. -- "Hemiptera Harmful to Alfalfa and Measures to Combat Them." Uzbek State U imeni Alisher Navoi. Samarkand, 1955.

RODIONOVA, N. A. -- "The Resistance to Disease and Neoplasm [Smut?] of Intergeneric Hybrids of Wheat." All-Union Order of Lenin Academy



of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Growing. Leningrad, 1955.

SELENS, Yu. Ye. -- "The Bioecology of the Population of Anopheles Mg. Taking into Account Their Age Composition in Various Regions of the Southwestern Ukrainian SSR." Odessa State U imeni I. I. Mechnikov. Odessa, 1955.

STEPANTSOV, V. I. -- "The Effect of Strain in a Head-Pelvis Direction on the Arterial Flow in the Thigh Muscles (Experimental-Morphological Investigations)." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955.

TRACH, V. N. -- "The Fauna, Biology, and Methods of Liquidating Strongyli of Sheep in the Kiev Poles'ye." Acad Sci Ukrainian SSR. Inst of Zoology. Kiev, 1954.

SHIRKOVA, A. P. -- "The Biology and Significance to the Fish Economy of the Perch of Lake Ladoga and the Pskov-Chudskoye Reservoir." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Zoology and Darwinism. Leningrad, 1955.

YANUSHKEVICH, K. N. -- "The Distribution of Microorganisms in Peat-Bog Soil in Connection with the Development of Certain Agricultural Plants." Belorussian State U imeni V. I. Lenin. Minsk, 1955.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

ASHKINAZI, A. L. -- Author's abstract of a dissertation on "The Heat-Engineering Basis for Perfecting Steam Hammers and Possible Progress in the Power Engineering of Forges" presented toward the academic degree of Doctor in Technical Sciences.

MISKARLI, A. K. -- "The Development of the Technology of Preparing and Using Clay Suspensions for Boring Oil Wells under the Complex Geological Conditions of Azerbaydzhan." Inst of Petroleum. Acad Sci USSR. Moscow, 1955.

SHOKIN, I. N. -- "Investigation of the Process of Carbonization of Ammoniated Brine in the Production of Calcined Soda." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.

For the Degree of Candidate in Sciences

ARKHANGEL'SKIY, A. S. -- "Analytical and Experimental Investigations of the Operating Parts of Sinking Combines (Planetary Operating Parts)." Min Coal Industry USSR. Academy of the Coal Industry. Moscow, 1955.

BARTOLOMEY, G. G. -- "Investigation of the Effect of the Salt Content of Water on the Operation of a Water Tank and the Removal of Salts with Vapor." Acad Sci USSR. Power Engineering Inst imeni G. M. Krzhizhanovskiy. Moscow, 1955.

BELYAYEV, V. G. -- "Analysis of a System of Caving-In in Layers and Methods of Perfecting It in the Process of Working Polymetallic and



Copper-Lignite Deposits. Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1955.

BIRYULEV, V. V. -- "Pre-Stressed Steel Beams." Min Higher Education USSR. Kiev Construction Engineering Inst. Chair of Metal and Wooden Structures. Kiev, 1954.

BURENKOV, N. A. -- "Investigation of the Processes of Filtration and Extraction during Vibration." Min Culture USSR. Kiev Technological Inst of the Food Industry imeni A. I. Mikoyan. Kiev, 1954.

BYKOV, V. Kh. -- "Increasing the Tractive Force of a Locomotive through Cohesion." Min Railroads USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obrastsov. Leningrad, 1955.

VARTANYAN, M. Ye. -- "The Problem of the Effect of Cutting Systems on Certain Operating Indexes of Machine Parts." Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.

VINOKUROVA, V. N. -- "The Problem of Investigating Hydraulic Losses in the Working Wheel of an Excavating Pump." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Chair of Mining Mechanics. Moscow, 1955.

VLADOVSKIY, M. S. -- "Open Crane Gantries (Experimental-Theoretical Investigation)." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Khar'kov, 1955.

GONCHAROV, F. S. -- "Investigation of the Operation of Low-Capacity Two-Stage Settling Tanks for the Purification of Agricultural-Residential Waste Waters." Min Higher Education USSR. Leningrad Order of Labor Red Banner Construction Engineering Inst. Leningrad, 1955.

GORBAN', A. P. -- "The Transformation of Single-Phase Current into Three-Phase and Conversely Using Static Equipment and a Three-Phase Synchronous Machine of Ordinary Construction." Acad Sci USSR. Power Engineering Inst imeni G. M. Krzhizhanovskiy. Moscow, 1955.

DMITRIYEV, V. N. -- "Experimental and Theoretical Investigation of a Pneumatic Relay of the 'nozzle-gate' Type." Acad Sci USSR. Inst of Automatics and Telemechanics. Moscow, 1955.

DOBRINSKIY, N. S. -- "The Basis of Calculating and Designing Press Pump Lines without Accumulators." Min Heavy Machine Building USSR. Central Sci Res Inst of Technology and Machine Building (TsNIITMash). Moscow, 1955.

DUNDUK, I. G. -- "Investigation of the Grinding Process in the Processing of Wheat Which Has Been Prepared by the Method of Wet Hulling." Min Higher Education USSR. Odessa Technological Inst imeni I. V. Stalin. Odessa, 1955.

YEVSTEGNEYEV, Yu. A. -- "Investigation of Tooth-Profile Mechanisms of Rotary Tooth-Grinding Machine Tools." Min Higher Education USSR. Moscow Machine Tool and Tool Inst imeni I. V. Stalin. Moscow, 1955.

YELINSKIY, I. I. -- "Technical-Economic Calculations of Air Ducts and Pipelines." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

STAT



- ZAK, L. V. -- "The Bending of Rectangular Slabs of Variable Thickness." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- KATETSKAYA, A. P. -- "Investigation of the Null Method of Measuring the Rate of Rotation Using Phase-Constant Circuits." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleyev. Leningrad, 1955.
- KIR'YANOV, A. K. -- "Investigation of the Transfer Number of Simple Fused Slag Using the Method of Radioactive Indicators." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.
- KOBLyakOVA, Ye. B. -- "Aspects of the Designing of Knitted Parts for Mass Production." Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni L. M. Kaganovich. Moscow, 1955.
- KOROSTELEV, V. V. -- "The Precision of Location of Openings in Platinum Processed by Calibration in Presses." Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni S. Ordzhonikidze. Moscow, 1955.
- LAVRUK, I. V. -- "Investigation of the Wear Resistance of Cast Iron Used for the Cylinder Liners of Truck-Tractor Engines." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Inst. Kiev, 1955.
- LEONOVA, R. A. -- "The Optimum Wall Insulation of Refrigerator Structures." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- LISNYAK, S. S. -- "The Kinetics of the Reduction of Iron Oxides with Solid Carbon." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.
- MARTIROSOV, G. B. -- "The Effect of Various Factors on the Wear on a Straight Cutter as Investigated on Various Types of Steels Used in the Automobile Industry." Min Higher Education USSR. Moscow Automotive Mechanics Inst., Moscow, 1955.
- MARCHENKO, P. F. -- "Investigation of the Process of Obtaining Gas of High Calorific Value from Wood under Laboratory Conditions." Min Higher Education USSR. Moscow Forestry Engineering Inst.
- MECHENOV, P. I. -- Author's abstract of a dissertation on "Sulfatizing-Roasting of Lead Concentrates in Connection with the Hydrometallurgical Method of Obtaining Lead" presented toward the academic degree of Candidate in Technical Sciences. Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. K. Kalinin. Chair of the Metallurgy of Heavy Metals. Moscow, 1955.
- MITOR, V. V. -- "Some Problems of Heat Exchange in the Combustion Chambers of Steam Boilers." Min Heavy Machine Building USSR. Central Sci Res Boiler and Turbine Inst imeni I. I. Polzunov. Leningrad, 1955.

STAT

MOROTOV, G. A. -- "Strengthening Soils with Lime Together with Other Instances in Building Foundations for Advanced Road Coverings." Moscow Automotive and Road Inst imeni V. M. Molotov. Moscow, 1955.

OVANESYAN, G. M. -- "Investigation and Calculation of Phase Systems of Compounding Synchronous Generators of Small and Medium Capacity." Min Electrical Engineering Industry USSR. Sci Res Inst. Moscow, 1955.

OSTROUMOV, N. K. -- "Investigation of the Automatics of Mechanical Copying on Machine Tools with Coordinated Cams and Flexible Links." Min Higher Education USSR. Moscow Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1955.

POMORTSEV, M. Ye. -- "Investigation of the Phenomena of Deformation in Drying Thick-Walled Fibrous Parts." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.

ROMANOV, V. V. -- "On the Problem of Electro-Capillary Phenomena in the Fused Cryolite-Alumina -- Aluminum System." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

SMAGIN, A. V. -- "Investigation of High-Speed Methods of Cutting Deep Grooves in Steel Parts Using Abrasive Disks." Min Higher Education USSR. Moscow Automotive Mechanics Inst. Moscow, 1955.

SOKOLOV, Yu. N. -- "Investigation and Calculation of Temperature Fields and Temperature Deformations in Metal-Cutting Machine Tools." Min Higher Education USSR. Moscow Machine Tool and Tool Inst imeni I. V. Stalin. Moscow, 1955.

SOSHNIKOVA, L. A. -- Author's abstract of a dissertation on "Investigation of a Phenosulfonic Electrolyte for the Electrolytic Refining of Lead" presented toward the academic degree of Candidate in Technical Sciences. Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1955.

SPIRIDONOV, A. V. -- "Methods of Perfecting the Technology of Preparing Pipelines during the Construction of Low-Tonnage Ships." Min Shipbuilding Industry USSR. Central Sci Res Inst. Moscow, 1955.

SPORYAGINA, N. M. -- "Investigation of the Stressed State of a Disk Taking into Account the Effect of Blades." Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni S. Ordzhonikidze. Moscow, 1955.

TVERSKOY, M. I. -- "Investigation of the Operating Life of a Belt for Quartertwist V-Belt Transmission." Min Higher Education USSR. Moscow Inst of Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.

TEN DYAY REN -- "Basic Principles of the Beautification of Streets in the Restoration and Reconstruction of the Cities of the Chinese People's Democratic Republic (Based on the Experience of City Building in the USSR)." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

STAT



- TIMCHINSKIY, D. L. -- "Investigation of the Reliability of Operation of the Bearings of the GAZ-51 Automobile Engine." Min Higher Education USSR. Moscow Automobile and Road Inst imeni V. M. Molotov. Chair of "Exploitation of Automobile Transport." Moscow, 1955.
- FEDOROVA, I. M. -- "Photocolorimetric Methods of Analysis in Leather Production." Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni L. M. Kaganovich. Moscow, 1955.
- FEDOROVA, N. S. -- "A Study of Hydrogen Supertension on Certain Electrodes in the Electrolytic Production of Chlorine." Min Higher Education USSR. Main Administration of Technological Vuzes. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev.
- KHVEDELIDZE, M. A. -- "The Technique of Measuring Bioelectric Potentials of Plants." Joint Academic Council, All-Union Sci Res Inst of the Mechanization of Agriculture, and All-Union Sci Res Inst of the Electrification of Agriculture. Moscow, 1955.
- KHLYTCHIYEV, S. M. -- "The Effect of a Voltage with Linearly-Variable Frequency on Selective Systems and the Optimum Relationship in Automatic Frequency Analysis." Min Communications USSR. Moscow Electrical Engineering Inst of Communications. Moscow, 1955.
- KHUDONOGOV, V. N. -- "Investigation of the Deformations on Wave Systems of Rafts Made of Long Bundles." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- TSYGANKOVA, N. Ya. -- "The Effect of Various Factors and Conditions of the Condensation of Phenol with Aqueous Solutions of Formaldehyde on the Properties of the Tars Obtained." Min Culture USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev. Moscow, 1954.
- CHUVILKIN, M. P. -- "Investigation of Systems and Regimes of Operating Regional Boiler Rooms and the Outlook for Their Development." Published by the Min Communal Economy RSFSR. Academy of the Communal Economy imeni K. D. Pamfilov. Moscow, 1955.
- SHTEYN, V. M. -- "Investigation of Double Images in Coaxial Cable." Published by the Acad Sci USSR. Inst of Radio Engineering and Electronics. Moscow, 1955.
- ESTRIN, M. I. -- "A Study of Local Stresses in Intersecting Cylindrical Casings." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- YANSON, E. R. -- "The Glueing of Sawed Surfaces." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.

AGRICULTURAL SCIENCES

For the Degree of Doctor in Sciences

- BESEDNOV, N. A. -- "The Drainage of Salty Soils in the Kura-Araks Lowland." Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev. Moscow, 1955.

STAT



SMIRNOV, A. A. -- "Variable Hybridization in Raising Fine-Wooled Sheep." Moscow Veterinary Academy. Stavropol' Agricultural Inst. Stavropol', 1955.

For the Degree of Candidate in Sciences

ABLAYEV, S. M. -- "The Scientific Basis of Growing Edible Pistachio Nuts on the Lowland-Rolling 'bogara' of Uzbekistan." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955.

ALIPOV, V. V. -- "Using Local Mineral Feed in the Animal Husbandry of Saratov Oblast." All-Union Sci Res Inst of Animal Husbandry. Annual Aspirantura. Moscow, 1955.

BALAYEVA, A. P. -- "Some Problems of the Blossoming and Seed Formation of Red Clover." All-Union Sci Res Inst of Fodder imeni V. R. Vil'yams. Moscow, 1955.

IVANOV, V. V. -- "The Role of Estuary Irrigation in Strengthening the Economy of Kolkhozes (The Example of the Kolkhozes in Aleksandrov-Gayskiy and Other Regions of Saratov Oblast)." All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Saratov, 1955.

KISINA, Ye. F. -- "Obtaining Agriculturally Valuable Hybrids of Potatoes by the Method of Remote Hybridization." Min Higher Education. Gor'kiy Agricultural Inst. Gor'kiy, 1955.

KLOPOTOVSKIY, A. P. -- "The Soils of the Lower Valley of the River Emba and Possibilities for Its Agricultural Use." Acad Sci Kazakh SSR. Inst of Soil Science. Alma-Ata, 1955.

KLYUCHKO, P. F. -- "Crossing Varieties as a Method of Increasing the Harvest Qualities of Seeds of Winter Rye and Corn." All-Union Order of Labor Red Banner Selection and Genetics Inst imeni T. D. Lysenko. Odessa, 1954.

PACHIKIN, V. I. -- "The Agricultural Engineering of Fodder Beets under the Conditions of Irrigated Agriculture in the Dry-Steppe Zone of Alma-Ata Oblast." Kazakh Affiliate, All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. Inst of Fodder and Pastures. Alma-Ata, 1955.

RACHUNAS, A. A. -- "Problems of the Economics and Organization of Animal Husbandry on the Kolkhozes of the Irrigated Agricultural Region of Rostov Oblast." All-Union Sci Res Inst of Animal Husbandry. Moscow, 1955.

ROZANOVA, I. M. -- "Changes in the Leached-Out Chernozems under the Influence of Hardwood and Softwood Plantations (Based on Investigations on the Mokhov Leskhov in Orlov Oblast)." Inst of Forestry. Acad Sci USSR. Moscow, 1955.

TONKONozHENKO, Ye. V. -- "Solonets and Saliferous Soils of the Lower Reaches of the River Kuban' and Methods of Their Agricultural Control." Published by "Sovetskiy Kuban'". Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1955.

ULANOV, F. S. -- "The Agricultural Engineering of Foxtail Millet in the Region of Irrigated Agriculture of Alma-Ata Oblast." Min Higher Education USSR. Kazakh State Agricultural Inst. Alma-Ata, 1955.

STAT



FAIZOV, K. Sh. -- "Soils and Soil Complexes of the Lower Courses of the Rivers Emba and Sagiz." Acad Sci Kazakh SSR. Inst of Soil Science. Alma-Ata, 1955.

KHANIN, M. D. -- "Row Application of Superphosphate on Hemp." Min Agriculture USSR. All-Union Sci Res Inst of Bast Fiber Plants. Glukhov, 1955.

CHERNYAK, I. V. -- "A Comparative Agronomic Evaluation of New Tillage and Deep Waste-Free Loosening of Soil on Plowed and Fallow Soils in the Non-Chernozem Zone." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.

VETERINARY SCIENCES

For the Degree of Candidate in Sciences

BYSTROVA, T. A. -- "Pathomorphological Changes in Certain Portions of the Nervous System in Cases of Hoof-and-Mouth Disease of Young Pigs." Min Higher Education USSR. Saratov State Zootechnical-Veterinary Inst. Saratov, 1955.

YERITSYAN, R. G. -- "The Effect of Dermal-Pain Stimuli on the Immunization Effects of Vaccination against Malignant Anthrax." Min Higher Education USSR. Yerevan Zooveterinary Inst. Yerevan, 1955.

KUZNETSOV, M. I. --- "The Epizootiology of Moniezia of Sheep under the Steppe Conditions of the Lower Volga Region." Min Agriculture USSR. All-Union Inst of Helminthology imeni Academician K. I. Skryabin (VIGIS). Moscow, 1955.

MASLOVSKIY, N. S. -- "The Picture of Bone-Marrow Punctate and of the Peripheral Blood of Sheep." Min Higher Education USSR. Kazan' State Veterinary Inst imeni N. E. Bauman. Kazan', 1955.

ROGOVSKIY, P. Ya. -- "Operational Treatment in Cases of Foreign Bodies in the Intestinal Tract of Cattle (Experimental Investigation)." Min Higher Education USSR. Kiev Veterinary Inst. Chair of General and Specific Surgery. Kiev, 1954.

SINITSYN, I. A. -- "Material on Non-Infectious and Infectious Diseases of Agricultural Animals (Based on Data from Three Southern Regions of the USSR)." All-Union Inst of Experimental Veterinary Medicine. Min Agriculture USSR. Moscow, 1955.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

BESSONOVA, M. N. -- "On the Vitamin-C Balance in Children Suffering from Rickets and Their Complex Treatment with Vitamins C and D." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.

IVANITSKAYA-SHPINDLER, Ye. P. -- "The Evolution of the Method of Radiation Therapy of Cancer of the Cervix Uteri." State Sci Res Inst of Roentgenology and Radiology imeni V. M. Molotov. Moscow, 1955.

STAT



IRGER, I. M. -- "The Clinical Aspects and Therapeutic Treatment of Tumors of the Cerebellum in Adults." Acad Med Sci USSR. Moscow, 1955.

KOZHEVNIKOV, A. I. -- "On the Operational Treatment of Cancer of the Rectum." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.

For the Degree of Candidate in Sciences

AYDAROV, A. A. -- "The Combined Plastic Surgery of Defects of the Dura Mater and the Bones of the Skull Crown (Experimental Investigation)." (From the Clinic of Neurosurgery, Kazan' Sci Res Inst of Orthopedics and Restorative Surgery). Kazan', 1955.

ALIYEV, Yu. M. -- "The Clinical Aspects and Treatment of Pneumopleuritis in Artificial Pneumothorax." Azerbaydzhan State Medical Inst. Baku, 1955.

ANDGULADZE, I. V. -- "On the Problem of Symmetrical Points in the Auditory Analysor in the Formation of a Unilateral Conditioned Reflex." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.

ANISIMOVA, M. I. -- "Weakness of Childbirth Activity and Modern Methods of Combating It." Min Health RSFSR. Saratov State Medical Inst. Saratov, 1955.

ARTAMONOVA, A. I. -- "The Tendons of the Sole Muscle as Plastic Material for Replacing Tendon Defects (Anatomical-Experimental Investigation)." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.

BUTENKO, Z. A. -- "On the Etiology and Pathogenesis of Experimental Leukosis." Kiev State Inst for the Advanced Training of Physicians. Kiev, 1954.

VASIL'YEVA, K. N. -- "The Excretory, Secretory, and Motor Functions of the Stomach in Acute Disorders of Nutrition in Young Children." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1954.

VASYUKHINA, L. V. -- "The Retention of the Specific Properties of the Causative Agent of Plague by the Method of Vacuum-Freezing." Min Health USSR. Irkutsk State Sci Res Anti-Plague Inst of Siberia and the Far East. Irkutsk, 1955.

VOSKRESENSKIY, Ye. V. -- "Intraosteal Bone Synthesis with a Metal Rod in Open, Freshly-Infix Breaks of the Hollow Bones." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.

VYSOKOVA, T. M. -- "Functional Disorders in Intrapleural Pneumolysis among Patients with Pulmonary Tuberculosis." Acad Med Sci USSR. Moscow, 1956.

DOLDOBANOVA, M. S. -- "Intradermal Novocaine Blockade of the Neck in Treating Patients with Tuberculosis of the Lungs and Throat." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1955.

STAT

- KALINICHENKO, N. F. -- "The Use of Some Antibiotics in Experimental Gas Gangrene Caused by Clostridium Oedematiens and Clostridium Septicum." Min Health Ukrainian SSR. Khar'kov State Medical Inst. Khar'kov, 1955.
- KAFAR-ZADE, R. A. -- "The Treatment of Chronic Dystrophic Gouty Arthritis with Surakhany Sulfur-Water Baths." Azerbaydzhan State Medical Inst. Baku, 1955.
- KERIMOV, G. M. -- "The Consumption of the Organic Vitamins C and B₁ in Surgical Operations." Azerbaydzhan State Medical Inst. Baku, 1955.
- KOGERMAN, E. P. -- "Intraorganic Lymphatic and Blood Vessels of the Human Trachea in Connection with Its Construction." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1955.
- LAVRINOVICH, T. S. -- "The Vascular Conditioned and Unconditioned Reflexes in Patients with Bronchial Asthma Based on Data from Plethysmography." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955.
- LEMPERT, G. L. -- "On the Problem of Methods of Quantitative Characterization of the Direction of the Electrical Axis of the Heart." Acad Med Sci USSR. Joint Council of the Group of Leningrad Institutes. Leningrad, 1955.
- LUK'YANOVA, Ye. M. -- "Some Functions of the Liver in Rickets among Children." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1954.
- MAL'TSEV, N. A. -- "A New Method of Recording the Volume-Velocity of Blood Circulation Using Coronary Blood Circulation for Investigation." Kazan' State Medical Inst. Chair of Normal Physiology. Kazan', 1955.
- MIRZOYEV, T. A. -- "The Effect of Istisu Waters on the Motor and Secretory Functions of the Stomach." Azerbaydzhan State Medical Inst. Baku, 1955.
- MOSKOVCHENKO, K. P. -- "Trophic Changes in the Eyes in Concealed Skull Traumas." Crimean State Medical Inst imeni I. V. Stalin. Simferopol', 1955.
- MUSALOV, G. G. -- "The Distribution of Radioactive Bromine and Calcium in the Organs and Tissues of Dogs under Normal Conditions and after Severance of the Spinal Cord." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.
- NUSBAUM, D. G. -- "The Hygienic Basis for Determining the School Assignments of Children." Min Health USSR. Central Inst for the Advanced Training of Physicians. State Sci Res Sanitary Inst imeni F. F. Erisman. Moscow, 1955.
- ORLOVA, K. Ye. -- "The Treatment of Abscesses of the Skin with Staphylococcal Anatoxin (A₂)." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.
- PONOMAREVA, Ye. I. -- "The Physical Development of Alma-Ata School Girls (1946-1947)." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.

STAT



ROSHCHEKTAYEV, N. V. -- "The Problem of the Surgical Treatment of Hypertrophy of the Prostate Gland." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.

SOKOLOVA, V. I. -- "Prosthesis of the Lower Jaw in Cases of Bone Defects and False Arthroses." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1955.

STARODUBOVA, A. T. -- "The Phagocytic Defense of the Organism in Cases of Post-Vaccinal Anti-Diphtheria Immunity under Experimental Conditions." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.

TULYAGANOV, P. D. -- "On the Pathology of the Central Nervous System in Young Children in Cases of Summer Diarrhea of Alimentary and Infectious Origin Resulting in Intoxication (Material)." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1955.

CHALAYA, M. F. -- "The Effect of Adrenalin and Carbocholin on Explanates of Connective and Muscular Tissue." Kiev Inst of Epidemiology and Microbiology. Kiev, 1955.

SHIRAKA, Z. P. -- "The Reaction of the Pulp in Grinding Teeth and the Significance of the Local Use of Sodium Fluoride." Min Health Latvian SSR. Riga Medical Inst. Riga, 1955.

SHCHIPACHEVA, V. I. -- "Free Skin Plastic Surgery in the Maxillary-Facial Region." Sverdlovsk State Medical Inst. Sverdlovsk, 1955.

YAKOVLEVA, V. P. -- "Neurological Symptoms in the Early Stage of Hypertonic Disease." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1955.

PEDAGOGICAL SCIENCES

For the Degree of Doctor in Sciences

RADZHABOV, SYDYK -- "The History of the Soviet School in Uzbekistan (1917-1941)." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of the Theory and History of Pedagogy. Moscow, 1955.

CHKHARTISHVILI, Sh. N. -- "The Problem of Motivation of Volitional Behavior." Acad Sci Georgian SSR. Inst of Psychology imeni D. N. Uznadze. Kutaisi, 1955.

For the Degree of Candidate in Sciences

ARSENIDZE, Sh. T. -- "The Problem of Teaching a Communist Attitude toward Labor." Published by the Institute. Sci Res Inst of Pedagogical Sciences, Min Education Georgian SSR. Tbilisi, 1955.

BROVKO, I. B. -- "The Study of the Writing of Oles' Gonchar in the Tenth Class of Intermediate School." Kiev State U imeni T. G. Shevchenko. Sci Res Inst of Pedagogy Ukrainian SSR. Kiev, 1955.

VAYNSHTEYN, A. L. -- "Teaching Collectivism in the Pioneer Sections of the Fifth through Seventh Classes in the Process of Preparing and Carrying out Collections and Individual Work with Pioneers." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Pedagogy. Leningrad, 1955.

STAT

- GERSHUN, S. I. -- "The Attention of the Pupils during Class and Methods of Attracting and Holding It." Kazakh State Pedagogical Institute imeni Abay. Alma-Ata, 1955.
- DZHUGARYAN, T. G. -- "Methods of Studying the Verb." Min Higher Education USSR. Yerevan State University imeni V. M. Molotov. Yerevan, 1955.
- IL'INSKAYA, T. A. -- "Studying the Classics of Marxism-Leninism and the Resolutions of the Party Congresses in the Course on the History of the USSR in the Ninth and Tenth Classes of Intermediate School." Moscow City Pedagogical Institute imeni V. P. Potemkin. Moscow, 1955.
- MAKAROV, M. P. -- "Il'ya Nikolayevich Ul'yanov and the Education of the Chuvash." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of the Theory and History of Pedagogy. Moscow, 1955.
- ORLOV, A. P. -- "Acquainting the Students with the Principles of Mechanical-Industrial Technology as One of the Tasks of Polytechnic Training." Academy of Pedagogical Sciences RSFSR. Inst of the Theory and History of Pedagogy. Moscow, 1955.
- OTAROVA, A. M. -- "Studying the Literary Heritage of L. M. Tolstoy in the Soviet Epoch (1917-1953)." Moscow State Library Institute imeni V. M. Molotov. Moscow, 1955.
- POPOVA, N. P. -- "Russian Literature on Metallurgy (Material on the History of Russian Technical Books)." Moscow State Library Institute imeni V. M. Molotov. Moscow, 1955.
- ROMANYUK, I. T. -- "Problems of the Psychology of Sensation in the Works of I. M. Sechenov and I. P. Pavlov." Min Higher Education Ukrainian SSR. Kiev State University imeni T. G. Shevchenko. Kiev, 1955.
- SERGIYENKO, D. L. -- "The Work of Circles of Young Naturalists in the Schools of the Ukrainian SSR (The History, Content, and Methods of Work in the Light of the Problems of Polytechnic Training and the Preparation of the Students for Practical Activity)." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods. Moscow, 1955.

ARCHITECTURAL SCIENCES

For the Degree of Candidate in Sciences

- KOTKOV, I. I. -- "Animal-Husbandry Structures on Kolkhozes." Min Higher Education USSR. Belorussian Polytechnic Institute imeni I. V. Stalin. Chair of Architecture. Minsk, 1955.

* * *